U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

control number.

Substitute for form 1449/PTO		Complete if Known				
		Application Number	10/551,876			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			SURF	Filing Date	September 30, 2005	
			-	First Named Inventor	Brian G. Condie	
				Art Unit		
			ary)	Examiner Name		
Sheet	1	of	2	Attorney Docket Number	18377-0063	

				NT DOCUMENTS	D	
Examiner Cite No.1		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	
		Number-Kind Code ^{2 (il known)}			Figures Appear	
KKH		5,114,926 A	05-19-1992	Frindel, et al.		
1	}	5,453,357	09-26-1995	Hogan		
		5,589,376	12-31-1996	Anderson, et al.		
		5,753,506	05-19-1998	Johe		
		5,766,948	06-16-1998	Gage, et al.		
		5,780,300	07-14-1998	Artavanis-Tsakonas, et al.		
		5,843,780	12-01-1998	Thomson		
	1	5,851,832	12-22-1998	Weiss, et al.		
	i — —	5,958,767	09-28-1999	Snyder, et al.		
	1	5,968,829	10-19-1999	Carpenter		
	†	6,200,806	03-13-2001	Thomson		
	1	6,562,619	05-13-2003	Gearhart		
	T	2002/0119565 A1	08-29-2002	Clarke, et al.		
	1	2002/0146678 A1	10-10-2002	Benvenisty, Nissim		
	1	2003-0008392 A1	01-09-2003	Thomson, James A.		
		2003/0022251 A1	01-30-2003	Fuchs, et al.		

	Cite	Patent Document Number	Publication		e of Patentee or	Pages, Columns	Lines,	
Initials*	No.1.	Country Code 3- Number 4- Kind Code ^{2 (II}	Date MM-DD-YYYY	Applican	t of Cited Documer	Mhere Relevant Passages Or Rel Figures Appear		T ⁰
		WO 97/32033	02-28-1996	Vandert	bilt University			
·		WO 98/43679	03-31-1998		nns Hopkins lity School of le			
		WO 99/32606	12-18-1998	Brustle				
	<u> </u>	WO 99/53021	04-09-1999	Bresage	en, Ltd.			
7//		WO 00/27995	11-09-1999	Reubino	off			
-A	<u> </u>	WO 01/51611	01-12-2001	Bresagen Limited				
		WO 02/77204	03-25-2002	Axordia	Limited			_
Examiner					Date			
cxaminer Signature Kevin K. Hill				Considered	September	19,	20	

*EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ²Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ³Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need essistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

control number.

Substitute for form 1449/PTO		Complete if Known				
,				Application Number	10/551,876	
INFO	RMATION	DISCLOS	SURF	Filing Date	September 30, 2005	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		First Named Inventor	Brian G. Condie			
	STATEMENT BY APPLICANT	Art Unit				
(Use as many sneeds as necessary)			у)	Examiner Name		
Sheet	2	of	2	Attorney Docket Number	18377-0063	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the articles (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²					
ккн		CAPOBIANCO, et al., (1997), "Neoplastic Transformation by Truncated Alleles of Human NOTCH1 TAN1 and NOTCH2," Molecular and Cellular Biology 17:6265-6273.						
.		CHURCHER, et al., (2003), "A New Series of Potent Benzodiazepine γ-Secretase Inhibitors," Bioorg. Med. Chem. Lett. 13:179-183.						
		CHURCHER, et al., (2003), "Design and Synthesis of Highly Potent Benzodiazepine y-Secretase Inhibitors: Preparation of (2S, 3R)-3-(3,4-Difluorophenyl)-2-(4-fluorophenyl)-4-hydroxy-N-((3S)-1-methyl-2-oxo-5-phenyl-2,3-dihydro-1H-benzo[e][1,4]-diazepin-3-yl) butyramide by Use of an Asymmetric Ireland-Claisen Rearrangement," J Med. Chem. 46:2275-78.						
		DAS, et al., (2003), "Designed Helical Peptides Inhibit an Intramembrane Protease," J Am. Chem. Soc. 125:11794-11795.						
		DOVEY, et al., (2001), "Functional gamma-secretase inhibitors reduce beta-amyloid peptide levels in brain," Journal of Neurochemistry 76, 173-181.						
		ELLISEN, et al., (1991), "TAN-1, the Human Homolog of the Drosophila Notch Gene, Is Broken by Chromosomal Translocations in T Lymphoblastic Neoplasms," Cell 66:649-661.						
		ESLER, et al., (2000), "Transition-state analogue inhibitors of γ-Secretase bind directly to presenilin-1," Nat. Cell Biol. 2:428-434.						
		ESLER, et al., (2002), "Activity-dependent isolation of the presentiin- y-Secretase complex reveals nicastrin and a y substrate," PNAS 99:2720-2725.						
	<u> </u>	IVANOVA, et al., (2002), "A Stern Cell Molecular Signature," Science 298:601-604. JANG, et al., (2000), "Notch signaling as a target in multimodality cancer therapy," Current Opinion	_					
		Molecular Therapy 2:55-65.	_					
		JHAPPEN, et al., (1992), "Expression of an activated Notch-related int-3 transgene interferes with cell differentiation and induces neoplastic transformation in mammary and salivary glands," Genes and Development 6:345-355.						
		JOUTEL, et al., (1998), "Notch signalling pathway and human disease," Seminars in Cell and Developmental Biology 9:619-625.						
		NICOLAS, et al., (2003), "Notch1 functions as a tumor suppressor in mouse skin," Nature Genetics 33:416-421.	_					
		RAMALHO-SANTOS, et al., (2002), "'Stemness': Transcriptional Profiling of Embryonic and Adult Stem Cells," Science 298:597-600.	_					
		RANGARAJAN, et al., (2001), "Notch signaling is a direct determinant of keratinocyte growth arrest and entry into differentiation," EMBO Journal 13:3427-3436.						
		RISHTON, et al., (2000), "Fenchylamine Sulfonamide Inhibitors of Amyloid β Peptide Production by the γ-Secretase Proteolytic Pathway: Potential Small-Molecule Therapeutic Agents for the Treatment of Alzheimer's Disease," J Med. Chem. 43:2297-2299.						
		ROBBINS, et al., (1992), "Mouse Mammary Tumor Gene int-3: a Member of the notch Gene Family Transforms Mammary Epithelial Cells," Journal of Virology 66:2594-2599. SHEARMAN, et al., (2000), "L-685,458, an Aspartýl Protease Transition State Mimic, Is a Potent Inhibitor						
		of Amyloid <i>β</i> -Protein Precursor y-Secretase Activity," Biochemistry 39:8698-8704. WEIJZEN, et al., (2002), "Activation of Notch-1 signaling maintains the neoplastic phenotype in human						
16		Ras-transformed cells," Nature Med. 8:979-986.	_					
		WOLFE, et al., (1999), "Peptidomimetic Probes and Molecular Modeling Suggest That Alzheimer's γ-Secretase Is an Intramambrane-Cleaving Aspartyl Protease," Biochemistry 38:4720-4727.	_					
V		ZAGOURAS, et al., (1995), "Alterations in Notch signaling in neoplastic lesions of the human cervix," Proc. Natl. Acad. Sci. 92:6414-6418.						
xaminer ignature	Kevi	n K. Hill September 19, 20	0,					

*EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3), 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English tanguage Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-P86-9199) and select option 2.